DOES PREP EVER FAIL? AND IF SO, WHY?

MAGDALENA ANKIERSZTEJN-BARTCZAK, PHD FOUNDATION FOR SOCIAL EDUCATION, POLAND









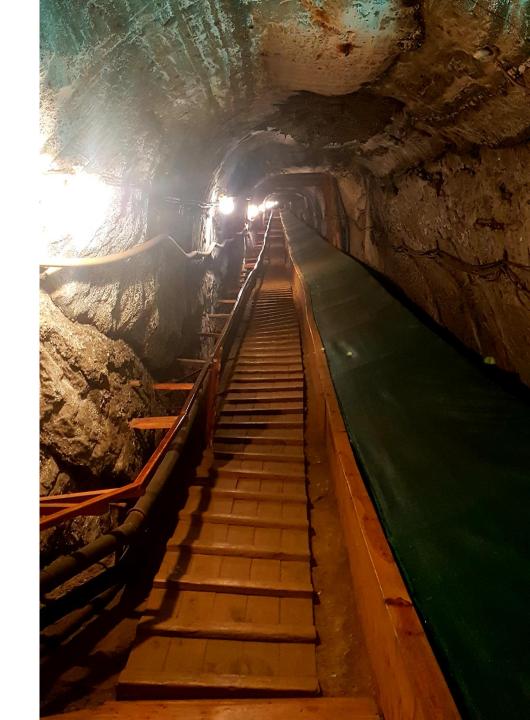
FOUNDATION FOR SOCIAL EDUCATION

WHAT IT WILL BE ABOUT?

Medical barriers

Sociological barriers

Failure



TOP THREE BARRIERS PERCEIVED FOR PRESCRIBING PREP WERE:

- "Not enough knowledge" 72.5%;
- "Lack of experience" 56.25%
- "Not covered by insurance" 17.5%.



Open Forum Infect Dis. 2017 Fall; 4(Suppl 1): S437.

Published online 2017 Oct 4. doi: 10.1093/ofid/ofx163.1106

PMCID: PMC5631590

Knowledge, Attitude and Practice of Pre-exposure prophylaxis (PrEP) against HIV infection of medical providers at an academic center

Rapeephan Maude, MD, MSc, DTM&H, 1 Gretchen Volpe, MD MPH, 2 and David Stone, MD1

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5631590/

Euroguidelines in Central and Eastern Europe Network Group



Original Research

HIV health care providers are ready to introduce pre-exposure prophylaxis in Central and Eastern Europe and neighbouring countries: data from the Euroguidelines in Central and Eastern Europe (ECEE) Network Group

JD Kowalska, D Bursa, D Gökengin, D Jilich, J Tomazic, M Vasylyev, P Bukovinowa, V Mulabdic, S Antonyak, A Horban, for the ECEE Network Group

First published: 10 July 2018 | https://doi.org/10.1111/hiv.12641

- 76 respondents, 23 CEE countries, 87% HIV MDs
- 34% reported PrEP registered by drug authority
- 54% had PrEP discussed in guidelines
- 39% had PrEP recommended in the guidelines
- 71% aware of 'informal' PrEP in their country
- 75% would advise PrEP in their practice

Q: "What are the obstacles towards introducing PreP in your country"	
Answer Choices	Responses
Not being covered/paid by public health system	68,9 %
No official approval (off-label drug use)	45,9 %
No medical guidelines	35,1 %
Lack of acceptance from clinicians	25,7 %
Stigmatisation (the perspective that governmental agencies have on such intervention)	17,6 %
Stigmatisation (the perspective that society has on such intervention)	13,5 %
Lack of acceptance from people at risk	9,5 %

SOCIOLOGICAL BARRIER TO START THINKING ABOUT PREP:



Do I need it?



Does it work?



Where do I get it?



What do I need to start?

SOCIOLOGICAL BARIER TO START PREP:



HIV **testing** (new HIV diagnoses before start), incl STI screening?



Waiting times for start



Geographic accessibility of current PrEP services



Liver pain
Side effects
To complicated



Drug and Alcohol Dependence

Volume 195, 1 February 2019, Pages 148-155

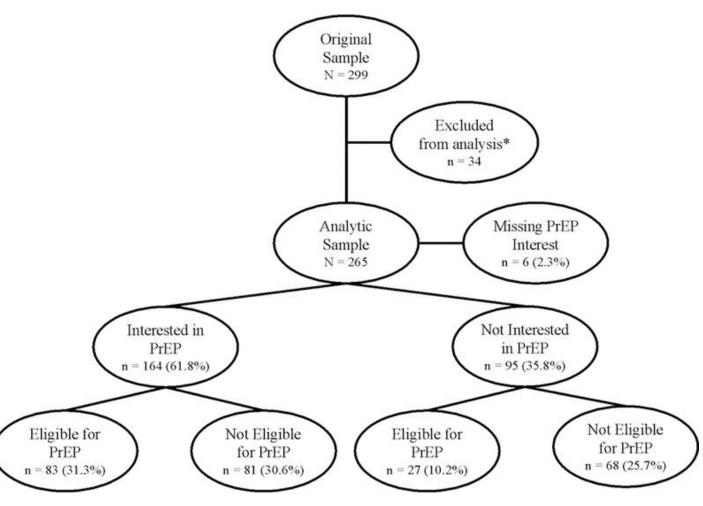


Full length article

PrEP awareness, eligibility, and interest among people who inject drugs in Baltimore, Maryland

Susan G. Sherman ^a △ ☒, Kristin E. Schneider ^b ☒, Ju Nyeong Park ^c ☒, Sean T. Allen ^a ☒, Derrick Hunt ^d ☒, C. Patrick Chaulk ^d ☒, Brian W. Weir ^a ☒

- •Only **One quarter** of people who inject drugs (PWID) **had heard** of PrEP, but most were interested in taking it.
- •Most PWID thought taking PrEP everyday would be easy.
- •PWID who are at higher risk for <u>HIV</u> were more likely to be interested in PrEP.





FIRST CHEMSEX POLISH RESEARCH:

AGATA STOLA

AND

DR ROBERT KOWALCZYK

- When: January February 2019
- Who: 107 MSM
 - 41 PLHIV (39%) whom 37 respondents declare undetectable viral load(90%)
 - 66 HIV (61%)



OUT OF 66 (HIV-) 71% METHOD OF PROTECTION AGAINST HIV:

78% condom

62% I ask my partner if he is infected

10% use PrEP (7 people - 3 regularly, 3 occasionally)

6% do not use any method

4% use PeP

THE RESPONDENTS WERE ASKED **HOW THEY** ASSESS THEIR CHANCES OF BEING INFECTED WITH HIV

- there is no such chance 1%
- small 53%
- average 24%
- large 15%
- I don't know 6%
- no response 1%

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TESTING?

ADHERENCE??

FREE STYLE???



TESTING?

ADHERENCE??

FREE STYLE???



CASE FROM WARSAW VCT CENTRE

35 years old man who want to start PREP

Chemsex user

Last unprotected sex 2 weeks ago

35 years old man who want to start PREP

CASE FROM WARSAW VCT CENTRE

Chemsex user

WHEN? HOW TEST HIM? Last unprotected sex 2 weeks ago

CASE FROM WARSAW VCT CENTRE

- 35 years old man who want to start PREP
- Chemsex user
- Last unprotected sex 3 weeks ago
- PEP for unprotected sex is expensive

WHEN? HOW TEST HIM?

TESTING?

ADHERENCE?

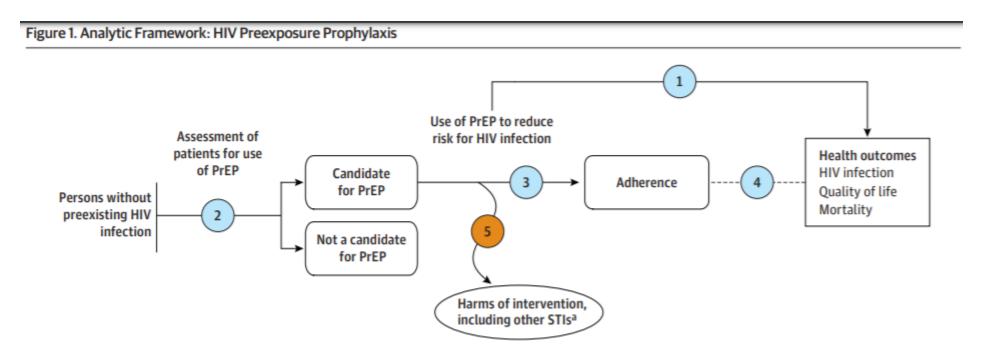
FREE STYLE???



JAMA | US Preventive Services Task Force | EVIDENCE REPORT

Preexposure Prophylaxis for the Prevention of HIV Infection Evidence Report and Systematic Review for the US Preventive Services Task Force

Roger Chou, MD; Christopher Evans, MD, MPH; Adam Hoverman, DO; Christina Sun, PhD; Tracy Dana, MLS; Christina Bougatsos, MPH; Sara Grusing, BA; P. Todd Korthuis, MD



file:///C:/Users/48692/Downloads/jama_chou_2019_us_190003.pdf

PREP ADHERENCE

MEN WHO HAVE SEX WITH MEN

- mean age, 34-36 years; n = 908 adherence to PrEP of 66% to 90%,
- mean age, 16-20 years; n = 272
 adherence to PrEP of approximately 50%
 at 12 weeks and 22% to 34% at 48 weeks

JAMA | US Preventive Services Task Force | EVIDENCE REPORT

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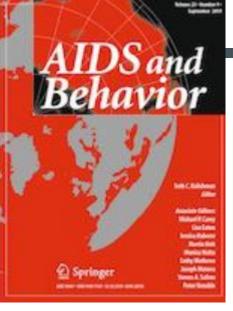
Roger Chou, MD; Christopher Evans, MD, MPH; Adam Hoverman, DO; Christina Sun, PhD; Tracy Dana, MLS; Christina Bougatsos, MPH; Sara Grusing, BA; P. Todd Korthuis, MD

TESTING?

ADHERENCE??

FREE STYLE ???





AIDS and Behavior

..... November 2018, Volume 22, <u>Issue 11</u>, pp 3566–3575 | <u>Cite as</u>

Why I Quit Pre-Exposure Prophylaxis (PrEP)? A Mixed-Method Study Exploring Reasons for PrEP Discontinuation and Potential Re-initiation Among Gay and Bisexual Men

- enter into a monogamous relationship,
- increasing condom use or purposefully reducing their number of sexual partners.
- reduce alcohol or drug intake

TESTING?

ADHERENCE??

FREE STYLE ???

WHEN STOP TAKING PREP...



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